

What is claimed is:

1. A concentrated bleach-fixer composition for a silver halide color photographic material, comprising an aminopolycarboxylic acid iron complex and a thiosulfate, wherein the bleach-fixer composition further comprises at least one compound selected from the group consisting of a phosphate salt, polyphosphate salt, an imidazole compound and a diaminotriazine compound; and the aminopolycarboxylic acid iron complex having a Fe(II) ratio of not less than 50 mol%.

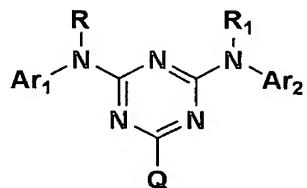
2. The bleach-fixer composition of claim 1, wherein said at least one compound is selected from the group consisting of a phosphate salt, polyphosphate salt, an imidazole compound, and the imidazole compound is a compound represented by the following formula (1) or its derivative:

formula (1) $(R1)_nA$

wherein R1 is a hydrogen atom, an alkyl group having 1 to 3 carbon atom which may be substituted by an amino group or hydroxy group, an alkenyl group or a halogen atom; n is an integer of 1 to 3; A is an imidazole moiety.

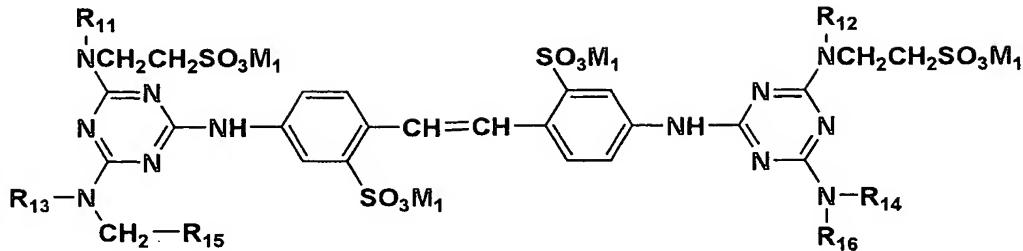
3. The bleach-fixer composition of claim 1, wherein said at least one compound is selected from the group consisting of a diaminotriazine compound and the diaminotriazine compound is represented by the following formula (I), (II) or (III):

formula (I)



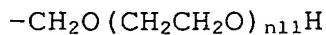
wherein Ar_1 and Ar_2 are independently an aromatic carbocyclic group or an aromatic heterocyclic group, provided that at least one of Ar_1 and Ar_2 contains at least two water-solubilizing groups or each of Ar_1 and Ar_2 contains at least one water-solubilizing group; Q is a hydrogen atom, hydroxy group, mercapto group, carboxyl group, sulfo group, $-\text{NR}_2\text{R}_3$, $-\text{OR}_2$ or a halogen atom, in which R_2 and R_3 are each a hydrogen atom, an alkyl group or a phenyl group; R and R_1 are independently an alkyl group having 1 to 3 carbon atom or a hydroxyalkyl group having 1 to 3 carbon atoms;

formula (II)



wherein R₁₁ and R₁₂ are independently a hydrogen atom or an alkyl group; R₁₃ and R₁₄ are independently a hydrogen atom, an alkyl group or an aryl group; R₁₅ is an alkyl group containing at least one asymmetric carbon atom or a group represented by the following formula (II-a); R₁₆ is an alkyl group containing at least one asymmetric carbon atom or a group represented by the following formula (II-b); M₁ is a hydrogen atom, an alkali metal atom, an alkaline earth metal atom, ammonium group or a pyridinium group; provided that R₁₃ and R₁₅, or R₁₄ and R₁₆ may combine with each other to form a ring:

formula (II-a)



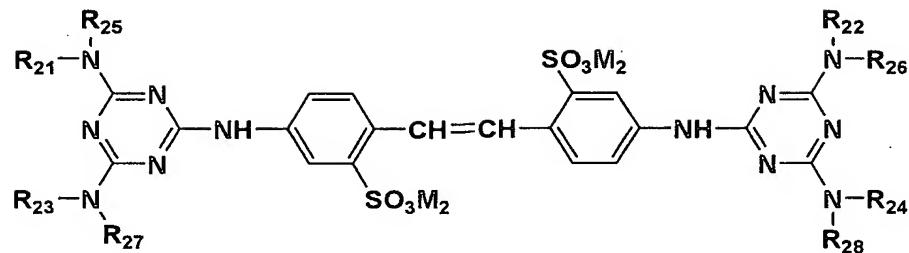
wherein n11 is an integer of 1 to 3;

formula (II-b)



wherein n12 is an integer of 2 to 4;

formula (III)



wherein R₂₁, R₂₂, R₂₃ and R₂₄ are independently a hydrogen atom, an alkyl group or an aryl group; R₂₅ and R₂₆ are independently an alkyl group containing at least one asymmetric carbon atom or a group represented by the following formula (III-a); R₂₇ and R₂₈ are independently an alkyl group containing at least one asymmetric carbon atom; M₂ is a hydrogen atom, an alkali metal atom, an alkaline earth metal atom, ammonium group or a pyridinium group; provided that R₂₁ and R₂₅, R₂₂ and R₂₆, R₂₃ and R₂₇, or R₂₄ and R₂₈ may combine with each other to form a ring:

formula (III-a)



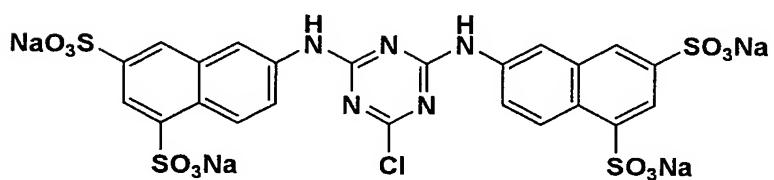
wherein n21 is an integer of 2 to 4.

4. The bleach-fixer composition of claim 3, wherein the diaminotriazine compound is selected from the group consisting of the following compounds of I-1 through I-17:

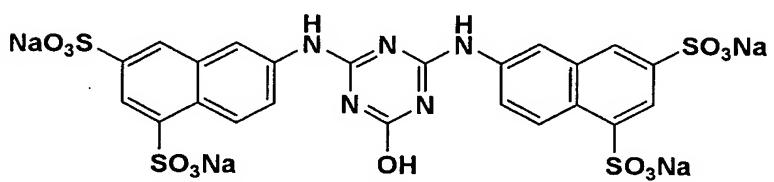
I-1



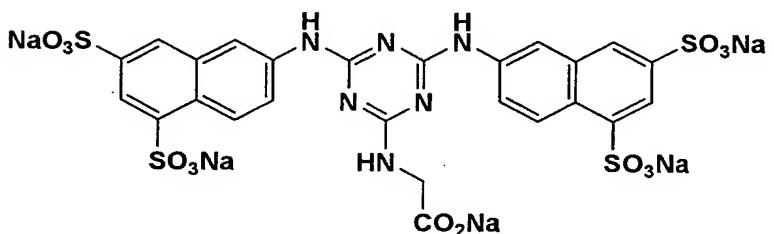
I-2



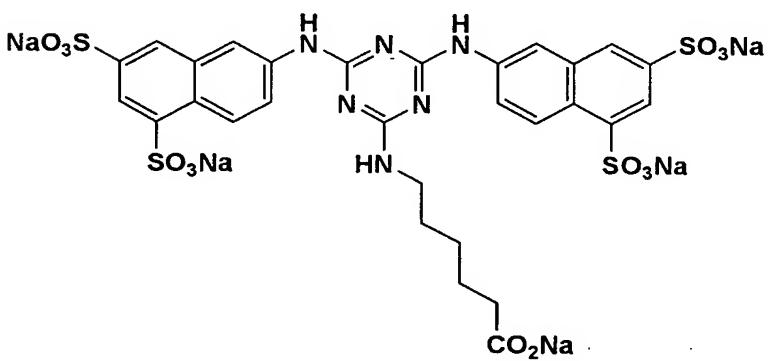
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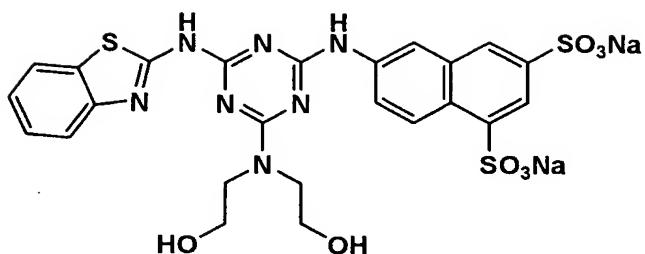
I-4



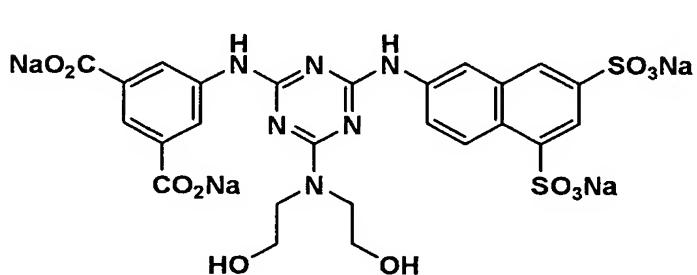
I-5



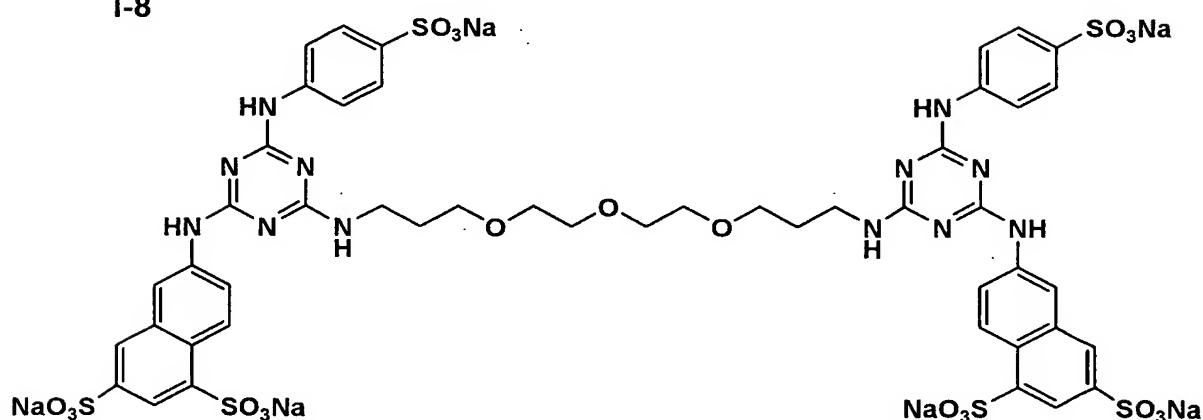
I-6



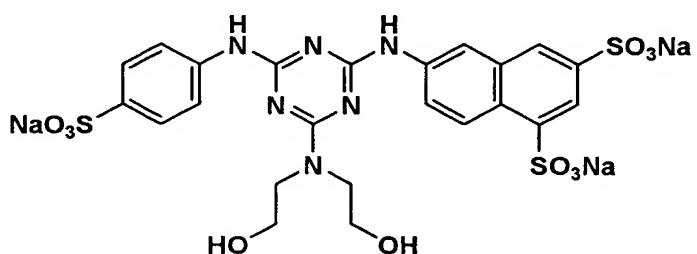
I-7



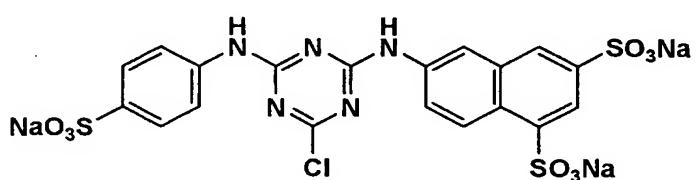
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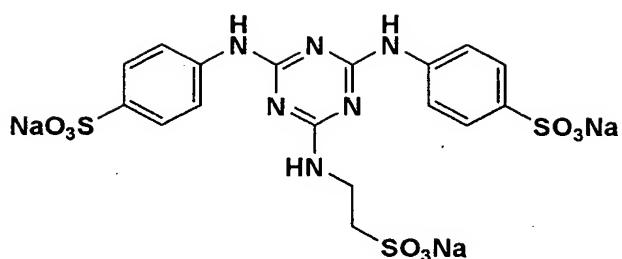
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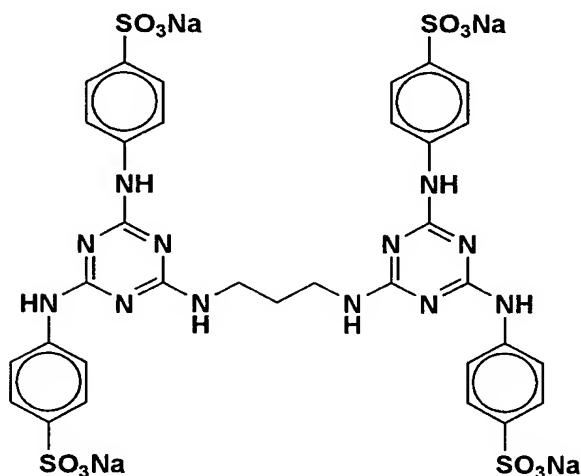
I-10



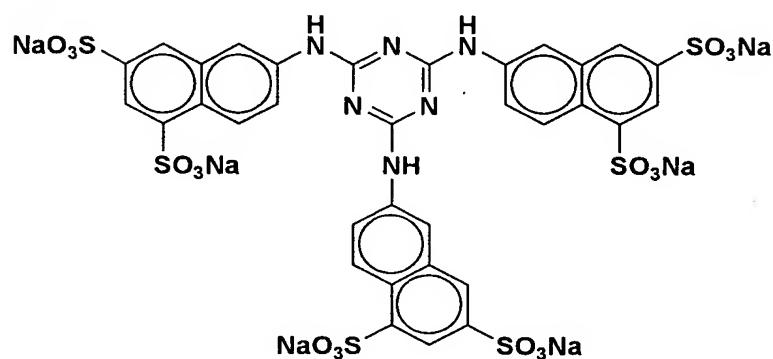
I-11



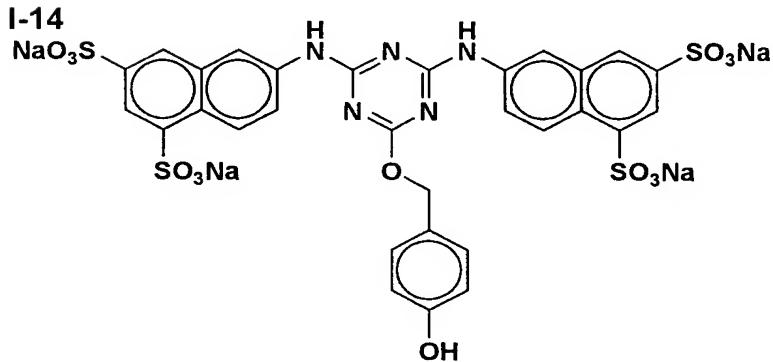
I-12



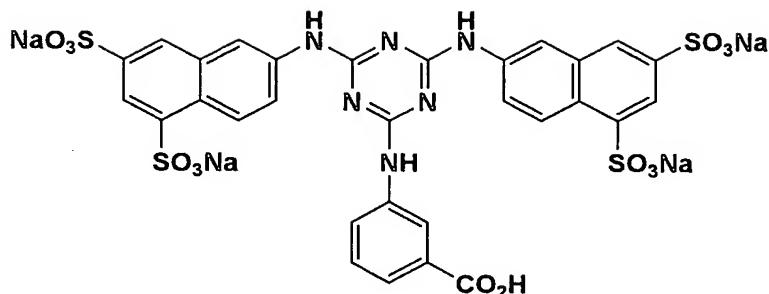
I-13



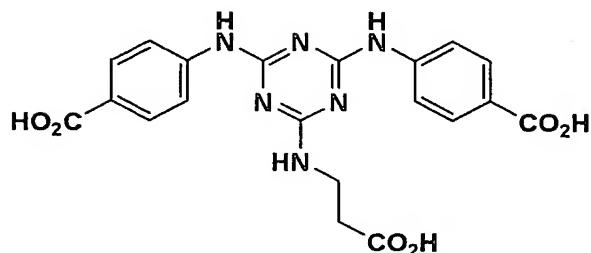
I-14



I-15



I-16



I-17



5. The bleach-fixer composition of claim 1, wherein the aminopolycarboxylic acid iron complex has a Fe(II) ratio of not less than 80 mol%.

6. The bleach-fixer composition of claim 1, wherein a molar ratio of aminopolycarboxylic acid ligand to iron is within the range of 1.01:1.00 to 1.08:1.00.

7. The bleach-fixer composition of claim 1, wherein the bleach-fixer composition exhibits a pH of 4 to 7.

8. The bleach-fixer composition of claim 2, wherein at least 80 mol% of an aminopolycarboxylic acid ligand is accounted for by ethylenediaminetetraacetic acid.

9. The bleach-fixer composition of claim 8, wherein 100 mol% of an aminopolycarboxylic acid ligand is ethylenediaminetetraacetic acid.

10. The bleach-fixer composition of claim 3, wherein the bleach-fixer composition comprises a nitrate salt.

11. The bleach-fixer composition of claim 10, wherein the nitrate salt is in an amount of 5 to 10 mol% of the aminopolycarboxylic acid iron complex.

12. A method of processing a silver halide color photographic material comprising bleach-fixing an imagewise exposed and developed silver halide photographic material with a bleach-fixer composition as claimed in claim 1.